

Case 3529***Otiorhynchus* Germar, 1824 and *Loborhynchus* Schoenherr, 1823
(Insecta, Coleoptera): proposed emendation of entries on the Official
List of Generic Names in Zoology**

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Abstract. The purpose of this application, under Article 80.4 of the Code, is to request the emendation of two entries in the Official List of Generic Names in Zoology: that for the genus *Otiorhynchus* Germar, currently stated to be dated 1824 with type species *Curculio clavipes* Bonndorff, 1785, while it is known to have been proposed by Germar in 1822, with type species *Curculio rhacusensis* Germar, 1822 by monotypy; and that for the genus *Loborhynchus* Schoenherr, 1823, which should be *Loborhynchus* Dejean, 1821.

Keywords. Nomenclature; taxonomy; Coleoptera; *Otiorhynchus*; *Loborhynchus*; *Curculio rhacusensis*; *Curculio clavipes*; weevil.

1. Germar (1822, no. 12) described *Curculio rhacusensis* which, although he attributed it to Dejean, takes Germar's authorship since this is the first published description of the name. Germar proposed *Otiorhynchus* as a conditional genus to hold *C. rhacusensis* and other unspecified species. This is the first appearance of the genus name, and *Curculio rhacusensis* Germar, 1822, is the type species of *Otiorhynchus* Germar, 1822 by monotypy.

2. Germar (1824, p. 343) included several additional species in *Otiorhynchus*.

3. Schoenherr (1826, p. 16) selected one of the additional species included by Germar (1824), *Curculio clavipes* Bonndorff, 1785, as the type species. This species is currently congeneric with *Curculio rhacusensis* Germar, 1822.

4. Reitter (1912, p. 48) correctly identified *Curculio rhacusensis* as the type species of genus *Otiorhynchus* (misspelled as *Otiorrhynchus*), possibly because Germar (1824) placed it at the top of his list of species.

5. *Otiorhynchus* Germar, 1824, has been placed on the Official List of Generic Names in Zoology (Opinion 982, BZN 29: 19–24, May 1972) with the type species *Curculio clavipes* Bonndorff, 1785, suppressing several unused senior generic synonyms.

6. According to Article 23.1 of the Code, 'the valid name of a taxon is the oldest available name applied to it, unless that name has been invalidated or another name

is given precedence by any provision of the Code or by any ruling of the Commission'. As this is not currently the case, we consider that the entry in the Official List is misleading and there is no benefit in keeping it uncorrected. Alonso-Zarazaga & Lyal (1999, p. 168) already used the correct date and type species.

7. Another possible threat to the stability of the name *Otiorhynchus* has been identified in this study. Dejean (1821, p. 90) used the genus-group name *Loborhynchus* for the first time, as a synonym of *Pachygaster* Germar, 1817, mentioning Megerle as author. Published as a junior synonym, the name is therefore unavailable. However, Schoenherr (1823, c. 1145) used '*Loborhynchus* Megerle' as a replacement name for *Pachygaster* 'Germ. Dej.', a junior homonym of *Pachygaster* Meigen, 1803. Schoenherr (1823, c. 1145) designated *Curculio clavipes* Bonsdorff, 1785, as type species for *Loborhynchus*. Thompson (1970) noted that as a replacement name *Loborhynchus* Schoenherr should have the same type species as *Pachygaster*, but that Schoenherr had proposed a species that was not even originally included in that genus. Because of this, and because the name had fallen into disuse a century earlier, Thompson (1970) appealed for its suppression. Subsequently, the Commission ruled to place *Loborhynchus* Schoenherr, 1823, on the Official Index of Rejected and Invalid Generic Names in Zoology (Opinion 982, BZN 29: 19–24, May 1972).

8. Because Schoenherr (1823) used *Loborhynchus* Megerle (arguably the same as *Loborhynchus* Megerle cited by Dejean, and hence the same as *Loborhynchus* Dejean), *Loborhynchus* Dejean, 1821, is made available (Article 11.6.1 of the Code – a name published as a junior synonym treated before 1961 as an available name). Thus, whilst *Loborhynchus* Schoenherr, 1823, is suppressed, *Loborhynchus* Dejean, 1821, is not. Although no type species is yet validly selected for *Loborhynchus*, any choice from the species given in Dejean (1821) would cause *Loborhynchus* to have priority over *Otiorhynchus* or another equally established name.

9. The International Commission on Zoological Nomenclature is accordingly asked:

- (1) to place on the Official List of Specific Names in Zoology the name *rhacusensis* Germar, 1822, as published in the binomen *Curculio rhacusensis* (specific name of the type species of *Otiorhynchus* Germar, 1822);
- (2) to amend the entry in the Official List of Generic Names in Zoology for the genus *Otiorhynchus* as follows: *Otiorhynchus* Germar, 1822, *Fauna Insectorum Europae*, 7: no. 12 (gender: masculine) (type species by monotypy: *Curculio rhacusensis* Germar, 1822, *Fauna Insectorum Europae*, 7: no. 12);
- (3) to amend the entry in the Official Index of Generic Names in Zoology for the genus *Loborhynchus* as follows: *Loborhynchus* Dejean, 1821. *Catalogue de la collection de Coléoptères de M. le Baron Dejean*: 90 (type species not designated);
- (4) to amend the entry in the Official List of Specific Names in Zoology for *Curculio clavipes* Bonsdorff, 1785 to record that this is not the name of the type species of *Otiorhynchus* Germar, 1822.

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Comments on this case are invited for publication (subject to editing) in the *Bulletin*; they should be sent to the Executive Secretary, I.C.Z.N., c/o Natural History Museum, Cromwell Road, London SW7 5BD, U.K. (e-mail: iczn@nhm.ac.uk).